



COPY OF PAPERS  
ORIGINALLY FILED

PATENT  
Attorney Docket No. FJN-058C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

MAY 09 2002

APPLICANTS: Takada et al.

SERIAL NO.: 10/067,527

GROUP NO.: 1653

TECH CENTER 1600/2900

FILING DATE: February 4, 2002

EXAMINER: Not yet assigned.

TITLE: A MEDICINE, DRINK, FOOD AND FEED HAVING AN ACTION  
OF STRENGTHENING BONE

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98. Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Each of the references were previously cited in U.S. Patent Application Serial No. 08/819,110 from which this application claims priority. Accordingly, pursuant to 37 C.F.R. § 1.98(d), Applicants have not supplied copies of the references cited on the attached Form PTO-1449, but shall do so upon request.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below. **OR**

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**. **AND**
- ☐ the requisite Statement is below. **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

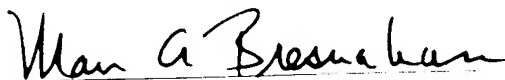
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



Maureen A. Bresnahan  
Attorney for the Applicants  
Testa, Hurwitz, & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110

Date: April 29, 2002  
Reg. No. 44,559

Tel. No.: (617) 248-7103  
Fax No.: (617) 248-7100

COPY OF PAPERS  
ORIGINALLY FILED

SHEET 1 OF 2

FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: EFN-058C1

APPLICANT: Takada et al.

SERIAL NO.: 10/067,527

FILING DATE: February 4, 2002 GROUP: 1655

RECEIVED

MAY 03 2002

TECH CENTER 1600,2900

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,162,506	11/10/92	Hadden			
	AB	4,294,753	10/13/81	Urist			
	AC	5,208,219	05/04/93	Ogawa et al.			

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	BA	WO 96 05851	02/29/96	PCT					No
	BB	CN 1 077 630A	10/27/93	EPO				Yes	Yes
	BC	CH 494 250A	09/15/70	Switzerland					No
	BD	EP 0 254 289A	01/27/88	EPO					No

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	CA	J.I. Boye et al., "Factors Affecting Molecular Characteristics of Whey Protein Gelation" <u>Int. Dairy J.</u> 5:337-353 (1995)
	CB	M. Britten et al., "Emulsifying Properties of Heat-Denatured/Undenatured Whey Protein Composite Blends" <u>IDF Special Issue 9303</u> , IDF Seminar, Munich, Germany, August 25-28, 1992, pp 368-374
	CC	B.C. Ghosh et al., "Rennetability of Milk Containing Different Heat-Denatured Whey Protein" <u>Milk Science International</u> 51(1):28-31 (1996)
	CD	A.J.R. Law et al., "Heat-Induced Changes in the Whey Proteins and Caseins" <u>Milk Science International</u> 49(3):125-1129 (1994)
	CE	D.J. McClements et al., "Physical Properties of Cold-Setting Gels Formed from Heat-Denatured Whey Protein Isolate" <u>J. Sci. Food Agric.</u> 69 7-14 (1995)
	CF	J. Merennies et al., "30-kDa Heparin-Binding Protein of Brain (Amphoterin) Involved in Neurite Outgrowth" <u>J. Biol. Chemistry</u> 266(25):16722-16729 (1991)

EXAMINER

DATE CONSIDERED



COPY OF PAPERS  
ORIGINALLY FILED

SHEET 2 OF 2

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: FJN-058C1

APPLICANT: Takada et al.

SERIAL NO.: 10'067,527

FILING DATE: February 4, 2002

RECEIVED

MAY 09 2002

TECH CENTER 1800 2900

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AD	5,522,888	06/04/96	Civerchia			
	AE	4,804,745	02/14/89	Koepff et al.			

FOREIGN PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLAS S	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	CG	B. Pentecost et al., "Isolation and Partial Sequence of Bovine cDNA Clones for the High-Mobility-Group Protein (HMG-I)" <u>Bioscience Reports</u> 4:49-57 (1984)							
	CH	K. Sato et al., "Preparation of a Gel of Partially Heat-Denatured Whey Protein by Proteolytic Digestion" <u>Milk Science International</u> 50(7):389-392 (1995)							
	CI	A.R. Shakoori et al., "Differential Expression of the Chromosomal High Mobility Group Proteins 14 and 17 During the Onset of Differentiation in Mammalian Osteoblasts and Promyelocyte Leukemia Cells" <u>J. Cellular Biochemistry</u> 51:479-487 (1993)							
	CI	Krishnakumar et al. (1995), "Gelatin Global Supply and Demand." <u>International Food Ingredients</u> pp 17-19							
	CK	EP 97 10 5286 European Search Report (12 08 98).							

EXAMINER

DATE CONSIDERED